

Remarks/Arguments

Claims 1-15 are pending in this application. Claims 1, 10, and 13 have been amended herein. Claims 1-15 will still be pending upon entry of this response.

Applicant has discovered a typographical error in paragraph [0007] of the specification and has corrected this error herein. Applicant submits that this error is obvious and that no new matter is introduced by this amendment to the specification.

In the final office action, the Examiner has maintained the rejection of claims 1, 2, 4, 6, 10, 11, 13 and 14 under 35 USC § 103(a) as being unpatentable in view of U.S. Patent 6,035,202 to Camp, Jr. (Camp) in combination with U.S. Patent 6,522,297 to Rabinowitz et al. (Rabinowitz). The Examiner has also maintained the rejection of claims 3, 8, 12, and 15 under section 103 where the Examiner further points to U.S. Published Patent Application 2002/0144294. Applicant respectfully reiterates all his previous arguments with respect to these rejections.

Applicant however, would like to direct additional remarks, as well as the claim amendments included herein, to the Examiner's comments in paragraph 6 of the final office action. The Examiner states that Applicant relied in part, in the previous office action response, on features that are "not recited in the rejected claims(s)." The Examiner further goes on to point to a supposed statement by Applicant that "'a pre-detection bandpass' is claimed." Applicant believes the Examiner is referring to his statement in the 4th paragraph of the response that col. 4, lines 46-57 of Camp discuss post-detection bandwidth. Applicant's intent with this argument was to emphasize the different way in which the presently claimed system and the system of Camp operate. In Camp, the ranging signal is demodulated (or detected), as is evidenced by the above-cited section, which discusses the audio passband for a cellular telephone, and the fact that the recovered (demodulated or detected) pilot signal may fall outside that passband. With the present invention, however, the ranging signal is *not* demodulated or detected. The fact that demodulation of the ranging signal is not needed is one of the aspects of the system that allows the system to function with the relatively narrow bandwidth common filter.

Applicant has amended all of the independent claims to recite that synchronization bursts are recovered "without demodulating the terrestrial ranging signal." Support for this

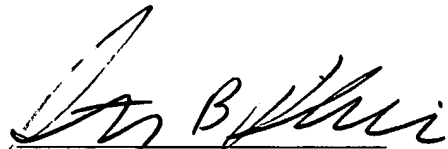
recitation can be found in paragraph [0018] of the specification. This recitation is present in all dependent claims by virtue of their dependence from amended claims. Thus, in accordance with the Examiner's suggestion, the claims now recite that ranging is accomplished without demodulation, another way of saying without detection. Applicant submits that the present claims as amended are patentable in view of the cited art and are now in condition for allowance.

Applicant believes he has responded to all of the concerns raised by the Examiner. Entry of this amendment and reconsideration of this application as amended is hereby requested. If the Examiner has any questions about the present response, a telephone interview is requested.

Respectfully submitted,

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